

Message Text

UNCLASSIFIED

PAGE 01 TOKYO 10251 01 OF 02 070535Z
ACTION OES-07

INFO OCT-01 EA-12 ISO-00 LAB-04 SIL-01 CEQ-01 EB-08
COME-00 HEW-06 /040 W
-----091489 070547Z /11
R 070457Z JUN 78
FM AMEMBASSY TOKYO
TO SECSTATE WASHDC 8542

UNCLAS SECTION 01 OF 02 TOKYO 10251

FOR OES/ENP/EN

DEPT PASS TO OSHA

E.O. 11652: N/A
TAGS: SENV, ECEM, JA
SUBJECT: EMERGENCY TEMPORARY STANDARD-ACRYLONITRILE (AN)
FOR OCCUPATIONAL EXPOSURE

REF: (A) STATE A-1047, (B) TOKYO 4620

1. IN LATE MAY, INDUSTRIAL HEALTH DIVISION OF MINISTRY
OF LABOR PROVIDED EMBASSY WITH ANSWERS TO QUESTIONS
CONCERNING OCCUPATIONAL EXPOSURE TO ACRYLONITRILE (AN)
CONTAINED IN REPAIR. FOLLOWING ARE ANSWERS TRANSLATED
FROM JAPANESE INTO ENGLISH:

I. BACKGROUND

Q-1. DOES YOUR COUNTRY PRODUCE AN?

A-1. YES, IT DOES.

Q-2. DOES YOUR COUNTRY IMPORT AN FOR USE IN ACRYLIC
FIBERS AND/OR PLASTICS?

A-2. NO, IT DOES NOT.

Q-3. HOW MANY PRODUCTION FACILITIES FOR AN-BASED PRODUCTS?
OUTPUT OF THESE FACILITIES? AMOUNT EXPORTED TO U.S.?

UNCLASSIFIED

UNCLASSIFIED

PAGE 02 TOKYO 10251 01 OF 02 070535Z

CAPACITY OF THESE FACILITIES?

A-3. 8 PLANTS MANUFACTURING ACRYLIC FIBERS: OUTPUT FOR
1973 335,300 TONS; CAPACITY IN 1975 926 TONS PER DAY.

6 PLANTS MANUFACTURING "AS" RESIN: OUTPUT FOR 1973
56,900 TONS; CAPACITY IN 1975 106,000 TONS PER YEAR.

11 PLANTS MANUFACTURING ABS RESIN: OUTPUT FOR 1973
226,000 TONS; CAPACITY IN 1975 275,000 TONS PER YEAR.

2 PLANTS MANUFACTURING NBR (SYNTHETIC RUBBER); OUTPUT FOR 1973 31,400 TONS; CAPACITY IN 1975 50,000 TONS PER YEAR. ACRYLIC FIBERS EXPORTED TO THE U.S. AMOUNTED TO 4,842 TONS IN 1976. IN ADDITION, THERE ARE ABOUT 93 PLANTS MANUFACTURING PRODUCTS OTHER THAN THOSE MENTIONED ABOVE.

Q-4. LENGTH OF SERVICE OF EACH INDIVIDUAL PLANT.

A-4. NO SPECIFIC INFORMATION AVAILABLE. IN JAPAN, HOWEVER, INDUSTRIAL PRODUCTION OF AN WAS STARTED IN 1959, THAT OF ACRYLIC FIBERS IN 1956 AND THAT OF NBR IN 1959.

Q-5. NUMBER OF WORKERS EXPOSED, THEIR GENDER, AND LENGTH OF TIME IN SERVICE.

A-5. APPROXIMATELY 5,900 WORKERS.

Q-6. IS THERE AN EXISTING EXPOSURE LIMIT TO AN REQUIRED BY LAW IN YOUR COUNTRY?

A-6. THERE IS.

Q-7. LANGUAGE OF ALL LAWS OR REGULATIONS PERTAINING TO AN, AND A BRIEF ETIOLOGICAL HISTORY OF THIS LEGISLATION.

A-7. JAPANESE LANGUAGE. IN 1971, ORDINANCE ON PREVENTION OF HAZARDS BY SPECIFIED CHEMICAL SUBSTANCES WAS FORMULATED IN ORDER TO PREVENT HEALTH DAMAGE BY CHEMICALS AND AN WAS INCLUDED AMONG THE SUBSTANCES SUBJECT TO REGULATION. SUBSTANCES COVERED BY THE ORDINANCE WERE SELECTED ON THE BASIS OF THE FOLLOWING THREE CRITERIA: (A) TOXICITY IS POTENT ENOUGH TO GIVE RISE TO OCCURRENCE OF SERIOUS DAMAGE; (B) POSSIBILITY OF DAMAGE OCCURRING UNCLASSIFIED

UNCLASSIFIED

PAGE 03 TOKYO 10251 01 OF 02 070535Z

IN MANY CASES, AND (C) DEMONSTRATION OF CASES WHERE DAMAGE ACTUALLY OCCURRED. IN THE CASE OF AN, CASES INVOLVING POISONING OCCURRED. THE ORDINANCE WAS BASED ON THE LABOR STANDARD LAW AT THE TIME OF ITS FORMULATION BUT IT IS NOW UNDER THE OCCUPATIONAL SAFETY AND SANITATION LAW ENACTED IN 1972.

II. MEDICAL STUDIES

Q-1. IS YOUR COUNTRY AWARE OF THE CARCINOGENIC PROPERTIES OF AN?

A-1. WE ARE AWARE OF WHAT WAS REPORTED IN THE U.S. LAST YEAR.

Q-2. IN YOUR COUNTRY HAVE THERE BEEN ANY EPIDEMIOLOGICAL STUDIES CONDUCTED CONCERNING AN?

A-2. NO EPIDEMIOLOGICAL STUDIES ON AN HAVE BEEN CONDUCTED IN JAPAN.

Q-3. ARE YOU AWARE OF POSSIBLE CARCINOGENIC IMPLICATIONS FROM EXPOSURE OF ANIMALS TO AN?

A-3. WE ARE AWARE OF WHAT WAS REPORTED IN THE U.S. LAST YEAR.

Q-4. ARE YOU AWARE OF ANY ANIMAL OR HUMAN STUDIES

CONCERNING AN?

A-4. YES, WE ARE.

III. MEDICAL SURVEILLANCE

Q-1. ARE MEDICAL EXAMINATIONS REGULARLY CONDUCTED ON THE

UNCLASSIFIED

NNN

UNCLASSIFIED

PAGE 01 TOKYO 10251 02 OF 02 070540Z

ACTION OES-07

INFO OCT-01 EA-12 ISO-00 LAB-04 SIL-01 CEQ-01 EB-08

COME-00 HEW-06 /040 W

-----091535 070547Z /12

R 070457Z JUN 78

FM AMEMBASSY TOKYO

TO SECSTATE WASHDC 8543

UNCLAS SECTION 02 OF 02 TOKYO 10251

FOR OES/ENP/EN

DEPT PASS TO OSHA

EXPOSED POPULATION?

A-1. YES, THEY ARE.

Q-1-1. WHAT IS THE MEDICAL PROTOCOL?

A-1-1. MEDICAL PROTOCOL IS AS FOLLOWS:

1. INITIAL MEDICAL EXAMINATIONS.

(1) SURVEY OF EMPLOYEE'S WORKING HISTORY.

(2) SURVEY OF PAST OBJECTIVE OR SUBJECTIVE SYMPTOMS

DUE TO EXPOSURE TO AN.

(3) SURVEY OF PRESENT OBJECTIVE OR SUBJECTIVE SYMPTOMS.

2. FOLLOW-UP MEDICAL EXAMINATIONS (TO BE CONDUCTED FOR THOSE WHO, AS RESULT OF INITIAL MEDICAL EXAMINATIONS, SHOW OBJECTIVE SYMPTOMS, COMPLAIN OF SUBJECTIVE SYMPTOMS, OR ELSE ARE SUSPECTED OF ABNORMAL SYMPTOMS, WHOM PHYSICIANS CONSIDER TO REQUIRE FOLLOW-UP EXAMINATIONS).

(1) SURVEY OF WORKING CONDITIONS.

(2) MEASUREMENT OF SERUM CHOLINESTERASE ACTIVITY VALUE.

(3) EXAMINATION OF LIVER FUNCTION.

Q-1-2. IS THE PROTOCOL DIRECTED AT SYMPTOMS OF EXPOSURE TO AN?

A-1-2. YES, IT IS.

Q-2. ARE THESE EXAMINATIONS REQUIRED BY LAW?

UNCLASSIFIED

UNCLASSIFIED

PAGE 02 TOKYO 10251 02 OF 02 070540Z

A-2. YES, THEY ARE.

Q-3. ARE THESE EXAMINATIONS VOLUNTARY FOR THE EMPLOYEE?

A-3. EMPLOYEES ARE OBLIGATED BY LAW TO UNDERGO EXAMINATIONS.

Q-4. DO THESE INCLUDE PREPLACEMENT EXAMINATIONS?

A-4. YES, THEY DO.

Q-5. HAVE YOU NOTED ANY ACUTE EFFECTS OF EXPOSURE TO AN?

A-5. YES, WE HAVE.

Q-6. HAVE YOU DISCOVERED ANY CHRONIC TOXIC EFFECTS THAT CAN BE LINKED TO OCCUPATIONAL EXPOSURE TO AN?

A-6. NO, WE HAVE NOT.

Q-7. DO YOU HAVE ANY DOSE RESPONSE DATA ON OCCUPATIONAL EXPOSURE TO AN?

A-7. NO, WE DO NOT.

IV. MONITORING DATA

Q-1. IS MONITORING THE WORKPLACE ATMOSPHERE FOR AN REQUIRED BY LAW?

A-1. YES, IT IS.

Q-2. WHAT METHODS OF MONITORING HAVE BEEN EMPLOYED?

A-2. ANY OF THE FOLLOWING THREE METHODS HAS BEEN EMPLOYED:

(1) SAMPLING BY LIQUID COLLECTION METHOD AND ANALYSIS BY ABSORPTION PHOTOMETRY.

(2) SAMPLING BY SOLID COLLECTION METHOD OR DIRECT COLLECTION METHOD AND ANALYSIS BY GAS CHROMATOGRAPHY.

(3) DETECTOR TUBE (ONLY IN CASE THERE IS NO DANGER OF OTHER SUBSTANCES AFFECTING THE MEASUREMENT).

Q-3. PLEASE CHARACTERIZE OR DISCUSS YOUR EXPERIENCE WITH MONITORING FOR AN.

A-3. MONITORING IS FOR ALL SUBSTANCES COVERED BY THE ORDINANCE ON PREVENTION OF HAZARDS BY SPECIFIED CHEMICAL SUBSTANCES, WITH NO SPECIAL EMPHASIS PLACED ON AN.

Q-4. WHAT IS THE RANGE OF THE LEVELS OF EMPLOYEE

UNCLASSIFIED

UNCLASSIFIED

PAGE 03 TOKYO 10251 02 OF 02 070540Z

EXPOSURE IN YOUR COUNTRY? THE MEAN EXPOSURE LEVEL?

A-4. THE CONCENTRATION OF AN IN THE AIR IN THE WORKING ENVIRONMENT IS REQUIRED TO BE LESS THAN 20 PPM.

MEASUREMENT OF INDIVIDUAL EMPLOYEE EXPOSURE IS NOT OBLIGATORY.

Q-5. DO YOU HAVE ANY PLANTS PRODUCING OR FORMULATING AN THAT, THROUGH ENGINEERING CONTROLS ALONE AND WITHOUT THE USE OF RESPIRATORS, HAVE ACHIEVED EXPOSURE LEVELS OF 2 PPM?

A-5. WE DO NOT HAVE ANY INFORMATION YET AS TO WHETHER

SUCH PLANTS EXIST OR NOT.

Q-6. WHAT ARE THESE ENGINEERING CONTROLS?

A-6. (NO ANSWER)

Q-7. IF YOU HAVE CLOSED SYSTEMS IS THERE ANY PARTICULAR
PROBLEM WITH MAINTENANCE?

A-7. WE HAVE NO INFORMATION.

Q-8. DO YOUR PLANTS HAVE RESPIRATOR PROGRAMS?

A-8. WE HAVE NO INFORMATION. MANSFIELD

UNCLASSIFIED

NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01 jan 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: STANDARDS, OCCUPATIONAL SAFETY
Control Number: n/a
Copy: SINGLE
Draft Date: 07 jun 1978
Decaption Date: 01 jan 1960
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01 jan 1960
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1978TOKYO10251
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Expiration:
Film Number: D780237-0401
Format: TEL
From: TOKYO
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1978/newtext/t19780684/aaaacuhm.tel
Line Count: 232
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: c9cacc8f-c288-dd11-92da-001cc4696bcc
Office: ACTION OES
Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 5
Previous Channel Indicators: n/a
Previous Classification: n/a
Previous Handling Restrictions: n/a
Reference: 78 STATE A-1047, 78 TOKYO 4620
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
Review Date: 29 mar 2005
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: N/A
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 2446752
Secure: OPEN
Status: NATIVE
Subject: EMERGENCY TEMPORARY STANDARD-ACRYLONITRILE (AN) FOR OCCUPATIONAL EXPOSURE
TAGS: SENV, ECEM, JA
To: STATE
Type: TE
vdkgvwkey: odbc://SAS/SAS.dbo.SAS_Docs/c9cacc8f-c288-dd11-92da-001cc4696bcc
Review Markings:
Sheryl P. Walter
Declassified/Released
US Department of State
EO Systematic Review
20 Mar 2014
Markings: Sheryl P. Walter Declassified/Released US Department of State EO Systematic Review 20 Mar 2014